

What is claimed is:

1. A network system comprising a server device for transmitting audio information or video information and a client
5 device for receiving the audio information or the video information transmitted from said server device, wherein said server device counts the number of clock pulses of a server clock signal used to encode the audio information or the video information on the basis of a power source synchronous pulse
10 signal synchronized with the power source frequency of electric power supplied to the server device, and outputs information showing the counted clock pulse number to the client device; and said client device receives the information showing the clock pulse number transmitted from said server device, and counts the
15 number of clock pulses of a client clock signal used to decode the audio information or the video information on the basis of a power source synchronous pulse signal synchronized with the power source frequency of electric power supplied to the client device, and the frequency of said client clock signal is conformed to the
20 frequency of said server clock signal on the basis of the difference between the clock pulse number received from said server device and the counted clock pulse number.

2. A network system comprising a server device for
25 transmitting audio information or video information and a client device for receiving the audio information or the video information transmitted from said server device, wherein said server device has server clock signal generating means for

generating a server clock signal, encoding means for encoding the audio information or the video information on the basis of said server clock signal, server binarizing means for generating a power source synchronous pulse signal synchronized with the power source frequency of electric power supplied to the server device, server clock counting means for counting the number of clock pulses of said server clock signal every integer times of one period of the power source synchronous pulse signal outputted by said server binarizing means, and transmitting means for outputting the audio information or the video information encoded by said encoding means and information showing the clock pulse number counted by said server clock counting means; and said client device has receiving means for receiving the audio information or the video information transmitted from said server device and the information showing the clock pulse number, client clock generating means for generating a client clock signal, decoding means for decoding the audio information or the video information received by said receiving means on the basis of said client clock signal, client binarizing means for generating a power source synchronous pulse signal synchronized with the power source frequency of electric power supplied to said client device, client clock counting means for counting the number of clock pulses of said client clock signal every integer times of one period of the power source synchronous pulse signal outputted by said client binarizing means, and clock difference calculating means for calculating the difference between the clock pulse number received from said server device and the clock pulse number counted by said client clock counting means; and said

client clock generating means conforms the frequency of said client clock signal to the frequency of said server clock signal on the basis of the difference in the clock pulse number calculated by said clock difference calculating means.

5

3. A network system comprising a server device for transmitting audio information or video information and a client device for receiving the audio information or the video information transmitted from said server device, wherein said
10 server device has server clock signal generating means for generating a server clock signal, encoding means for encoding the audio information or the video information on the basis of said server clock signal, server binarizing means for generating a power source synchronous pulse signal synchronized with the power
15 source frequency of electric power supplied to the server device, server clock counting means for counting the number of clock pulses of said server clock signal every integer times of one period of the power source synchronous pulse signal outputted by said server binarizing means, and transmitting means for
20 outputting the audio information or the video information encoded by said encoding means and information showing the clock pulse number counted by said server clock counting means; and said client device has receiving means for receiving the audio information or the video information transmitted from said server
25 device and the information showing the clock pulse number, decoding means having a buffer for storing the audio information or the video information received by said receiving means, and reading the audio information or the video information stored to

this buffer, and decoding the read information on the basis of a client clock signal, client binarizing means for generating a power source synchronous pulse signal synchronized with the power source frequency of electric power supplied to said client device,

5 client clock counting means for counting the number of clock pulses of said client clock signal every integer times of one period of the power source synchronous pulse signal outputted by said client binarizing means, clock counting value correcting means for correcting the clock pulse number counted by said

10 client clock counting means on the basis of the amount of data accumulated in said buffer, clock difference calculating means for calculating the difference between the clock pulse number received by said receiving means and the clock pulse number corrected by said clock counting value correcting means, and

15 client clock signal generating means for outputting the client clock signal conformed to the frequency of said server clock signal to said decoding means on the basis of the difference in the clock pulse number calculated by the clock difference calculating means.

20